

ABSTRACT OF THE DISCLOSURE

A hermetic compressor, in which a damping unit is mounted on an inner surface of a hermetic casing to stably and elastically support the hermetic casing and change a resonant frequency of the hermetic casing. The damping unit is provided at a predetermined position of an upper casing part of the hermetic casing to elastically support the upper casing part with predetermined elasticity. The damping unit has a mounting part at which the damping unit is mounted to the upper casing part, and an elastic support part to elastically support the upper casing part. The elastic support part has a flange part projected in a direction to a length which exceeds a plane aligned with a surface of the mounting part. The flange part thus elastically supports the hermetic casing in a state of being elastically deformed. The elastic support part also has a wing part to connect the flange part to the mounting part. The wing part is rounded in a direction opposite to a projected direction of the flange part. In the hermetic compressor, the damping unit elastically supports the upper casing part of the hermetic casing and change the resonant frequency of the upper casing part, thus preventing the upper casing part from resonating with specific high- and low-frequency waves radiated to an inner surface of the upper casing part.